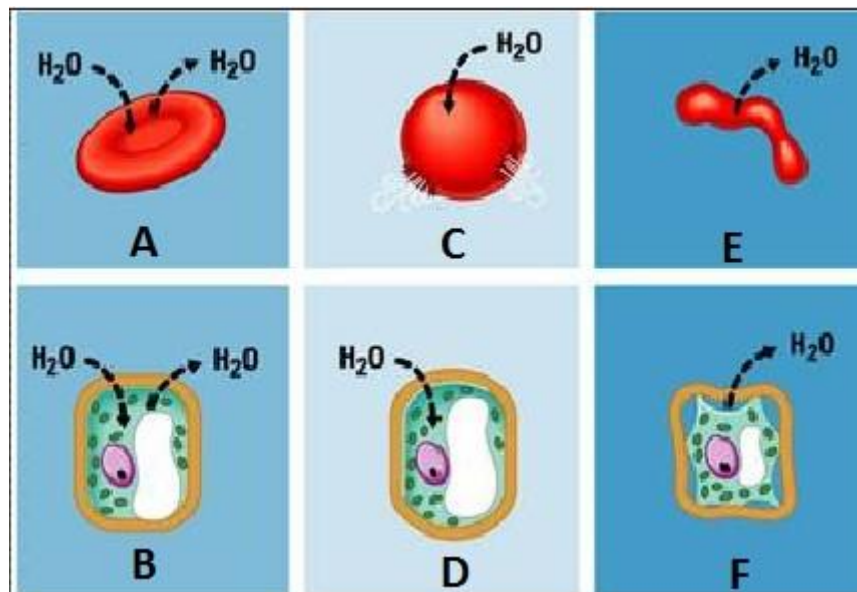


Unit 2 Study Guide

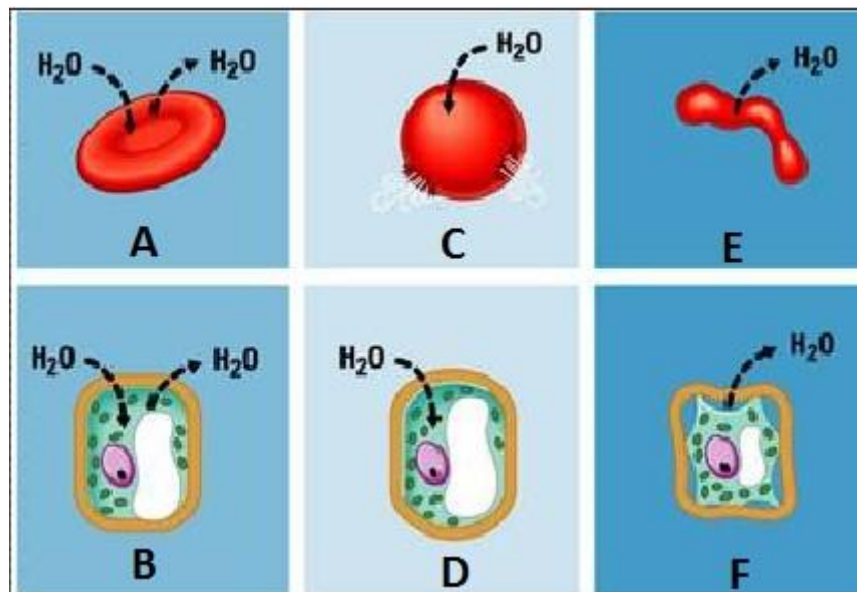
- Know the organelles and order used to create a protein
 - Nucleus → ribosome → endoplasmic reticulum → Golgi apparatus → vesicle
 - Organelles must work together to synthesize proteins
- What will happen when sugar solutions of differing concentrations are placed on opposite sides of a semipermeable membrane
- What is the difference between active, passive, and facilitate diffusion? Be able to give examples.
- How do fish osmoregulation in freshwater? In salt water? (think about the diagram in the reading)
- In a neuron receptor inhibitor bind to the synaptic side of the receptor
- Be able to describe what is happening in the neuron receptors in the emotion and pain centers of the brain when opiates are inserted into the activation site?
- Know the structure and function of all major organelles.
- Describe each of the following pictures as hypotonic, hypertonic, or isotonic



Watch the videos on line and take notes on each for extra credit!!! Due on Test Day

Unit 2 Study Guide

- Know the organelles and order used to create a protein
 - Nucleus → ribosome → endoplasmic reticulum → Golgi apparatus → vesicle
 - Organelles must work together to synthesize proteins
- What will happen when sugar solutions of differing concentrations are placed on opposite sides of a semipermeable membrane
- What is the difference between active, passive, and facilitate diffusion? Be able to give examples.
- How do fish osmoregulation in freshwater? In salt water? (think about the diagram in the reading)
- In a neuron receptor inhibitor bind to the synaptic side of the receptor
- Be able to describe what is happening in the neuron receptors in the emotion and pain centers of the brain when opiates are inserted into the activation site?
- Know the structure and function of all major organelles.
- Describe each of the following pictures as hypotonic, hypertonic, or isotonic



Watch the videos on line and take notes on each for extra credit!!! Due on Test Day